

**Commonwealth of Kentucky  
Environmental and Public Protection Cabinet  
Department for Environmental Protection  
Division for Air Quality  
803 Schenkel Lane  
Frankfort, Kentucky 40601  
(502) 573-3382**

**AIR QUALITY PERMIT  
Issued under 401 KAR 52:040**

**Permittee Name:** Dana Corporation Elizabethtown  
**Mailing Address:** 750 North Black Branch Road, Elizabethtown,  
KY 42701

**Source Name:** Dana Corporation Elizabethtown  
**Mailing Address:** 750 North Black Branch Road  
Elizabethtown, KY 42701

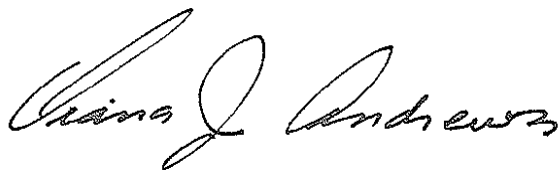
**Source Location:** 750 North Black Branch Road

**Permit ID:** S-08-035  
**Agency Interest #:** 5199  
**Activity ID:** APE20080001  
**Review Type:** Minor Source, Operating  
**Source ID:** 21-093-00063

**Regional Office:** Frankfort Regional Office  
663 Teton Trail  
Frankfort, KY 40601  
(502) 564-3358

**County:** Hardin

**Application**  
**Complete Date:** April 16, 2008  
**Issuance Date:** April 24, 2008  
**Revision Date:**  
**Expiration Date:** April 24, 2018



**John S. Lyons, Director  
Division for Air Quality**

## **SECTION A - PERMIT AUTHORIZATION**

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first submitting a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:040, State-origin permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining other permits, licenses, or approvals that may be required by the Cabinet or other federal, state, or local agencies.

**SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS*****Hydroforming Process lines U, P and T-200L***

**Description:** DANA Corporation manufactures truck frames from steel tubes which are shaped into components by a process that uses high pressure water and is called Hydroforming Process. Emissions are generated from Pre/Post Wash Stations, Welding Stations, Laser Trim Station and Natural Gas Combustions.

**Line U - Emission Point # 12, 13-16, 20-25 & 6-8**

Maximum Production Rate: 72 frames per hour

Line U Construction Date: 2000 (EP # 6), 2002 (EP#7, EP#12-16 & EP#20-25), & 2006 (EP#8)

Emission Point # 12: Pre-form Wash Stations -Dry Oven

Maximum Rated Capacity: 1.0 MMBTU/hr

Control Device: None

Emission Point # 13 & 14: Pre-form Wash Stations (water & cleaner)

Control Device: None

Emission Point # 15 & 16: Tube Lube Stations (Lube Solution)

Control Device: None

Emission Point # 20: Post-form Wash Stations -Dry Oven

Maximum Rated Capacity: 2.0 MMBTU/hr

Control Device: None

Emission Point # 21: Post-form Wash Station (water & cleaner)

Control Device: None

Emission Point # 22 – 25: Laser Cutting Station (Six Lasers for the line)

Control Device: Baghouse with 99% Control efficiency

Emission Point # 6 – 8: Welding of Line U Frames

Control Device: Baghouse with 90 % control efficiency

**Line P (P1 & P2) - Emission Point # 32, 42, 33-35, 43-45, 36-39, 46-49 & 1-5**

Maximum Production Rate: 160 frames per hour

Construction Date: 1996 (EP # 1-5), 2004 (EP#32-39 & EP#42-49)

Emission Point # 32 & 42: Pre-form Wash Stations -Dry Ovens

Maximum Rated Capacity: 0.80 MMBTU/hr, each

Control Device: None

Emission Point # 33 & 43: Pre-form Wash Stations (water & cleaner)

Control Device: None

Emission Point # 34 & 44: Tube Lube Stations (Lube Solution)

Control Device: None

Emission Point # 35 & 45: Post-form Wash Stations (water & cleaner)

Control Device: None

## **SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

Emission Point # 36-39 & 46-49: Laser Cutting (Eight Lasers for P1 & P2 lines)  
Control Device: Baghouse with 99% Control efficiency

Emission Point # 1 – 5: Welding Frames  
Control Device: Baghouse with 90 % control efficiency

### **Line T-200L - Emission Point # 26**

Emission Point # 26: Laser Cutting (One Laser for the line)  
Maximum Production Rate: 55 frames / hr  
Construction Date: 2006  
Control Device: Baghouse with 99% Control efficiency

### **APPLICABLE REGULATIONS:**

**401 KAR 59:010**, New Process Operation, is applicable to each affected facility or source, associated with process operations, which are not subject to another emission standard with respect to particulate matter emissions commenced after July 2, 1975.

#### **1. Operating Limitations:**

- a. The particulate control system on each affected facility shall be operated and maintained in accordance with the manufacturer's recommendations and shall be replaced when determined to be inefficient (as determined through visual inspection).
- b. Operation and maintenance of the processing units shall be practiced in accordance with manufacturer's specifications.
- c. Only natural gas shall be burned.

#### **2. Emission Limitations:**

##### **401 KAR 59:010**

- a. Section 3(1) limits visible emissions from each booth to less than 20% opacity.

##### **Compliance Demonstration Method:**

The permittee shall perform a qualitative visual observation of the opacity of emissions from the affected facilities on a weekly basis and maintain a log of the observations. If visible emissions from the vents are seen (not including condensed water vapor within the plume) then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.

- b. Section 3(2) limits total particulate matter emissions from each booth to a maximum of 2.34 lbs/hr.

##### **Compliance Demonstration Method:**

The affected facilities are assumed to be in compliance with the particulate mass emissions as long as the filter systems are operated and maintained in accordance with the manufacturer's specification and filters are in place at all times when the affected facilities are in operation.

## **SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

### **3. Testing Requirements:**

If deemed necessary, the Cabinet may require testing by using appropriate EPA Methods, at such times as maybe required by the Cabinet in accordance with Regulation 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 4.

### **4. Monitoring Requirements:**

- a. Monitor on a monthly basis material (ex: steel tubes, washing chemical, and welding wires) usages as necessary to demonstrate compliance with all requirements of this permit.
- b. Monitor on a daily basis the pressure drop across the baghouses to insure proper operation.

### **5. Recordkeeping Requirements:**

- a. All maintenance shall be recorded including the time, date, and identity of the personnel making the record. If any equipment is not in operation on a given date, this fact should also be noted.
- b. Record on a monthly basis material (including but not limited to steel tubes, chemical, and welding wires) usages as necessary to demonstrate compliance with all requirements of this permit.
- c. Maintain a record of the amount of natural gas fuel burned.
- d. Maintain the record of the daily monitored pressure drop across the baghouses.

### **6. Reporting Requirements:**

Report semiannually any deviations from the above terms and conditions during the previous 6-month period as part of the General Reporting Requirements. See Section C of this permit, item 3.

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)*****Coating Process Lines***

**Description:** The completed Line U and P frames will be dipped into ECOAT and METOKOTE tanks, respectively. The coated frames after going through curing ovens and cooling tunnel will be finished and sent to the warehouse. The burners, ovens and boilers are all natural gas fired combustion.

**Line ECOAT – Emission Point # 61, 62, 63 & 64**

Limited Bottleneck Processing Rate: 72 frames/hr  
Construction Date: 2002

Emission Point # 62: Coating Tanks (Conditioner-Tank#5, ECOAT-Tank#11&12, Sealer-Tank#8)

Control Device: None

Emission Point # 61: Rinse Tanks (Cleaner-Tank#1&2 & Zinc Phosphate-Tank#6)

Control Device: None

Emission Point # 63 & 64 Dry Ovens

Maximum Rated Capacity: 6.0 MMBTU/hr, each

Control Device: None

**Line METOKOTE - Emission Point #71 & 73**

Limited Bottleneck Processing Rate: 160 frames/hr

Construction Date: 2004

Control Device: None

Emission Point# 71: Rinse Tanks (Cleaner-Tank#1&2 & Zinc Phosphate- Tank#6) & Coating Tanks (Conditioner-Tank#5, METOKOTE-Tank#11 & 12, Sealer-Tank#8)

Emission Point # 73 Dry Oven

Maximum Rated Capacity: 8.2 MMBTU/hr

Control Device: None

**APPLICABLE REGULATIONS:**

**401 KAR 59:010**, New Process Operation, is applicable to each affected facility or source, associated with process operations, which are not subject to another emission standard with respect to particulate matter emissions commenced after July 2, 1975.

**1. Operating Limitations:**

- a. Operation and maintenance of the processing units shall be practiced in accordance with manufacturer's specifications.
- b. Only natural gas shall be burned.

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)****2. Emission Limitations:****401 KAR 59:010, Section 3(1)**

- a. No person shall cause, suffer, allow or permit any continuous emission into the open air from a control device or stack associated with the affected facility which is equal to or greater than twenty (20) percent opacity.

**Compliance Demonstration Method:**

The permittee shall perform a qualitative visual observation of the opacity of emissions from each stack on a weekly basis and maintain a log of the observations. If visible emissions are seen from the stack (not including condensed water vapor within the plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.

**401 KAR 59:010, Section 3(2)**

- b. For emissions from a control device or stack no person shall not cause, suffer, allow or permit the emission into the open air of particulate matter from any affected facility which is in excess of 2.34 pounds/hour.

**Compliance Demonstration Method:**

Compliance with **Operating Limitations** has been assumed to demonstrate compliance with particulate matter mass emissions limitation of 2.34 lbs/hr.

**3. Testing Requirements:**

If deemed necessary, the Cabinet may require testing by using appropriate EPA Methods, at such times as maybe required by the Cabinet in accordance with Regulation 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 4.

**4. Monitoring Requirements:**

Monitor on a monthly basis materials (ex: coating, conditioner, sealer, cleaner and combustion fuel) usages as necessary to demonstrate compliance with all requirements of this permit.

**5. Recordkeeping Requirements:**

- a. All maintenance shall be recorded including the time, date, and identity of the personnel making the record. If any equipment is not in operation on a given date, this fact should also be noted.
- b. Record on a monthly basis material (including but not limited to coating, conditioner, sealer, cleaner and combustion fuel) usages as necessary to demonstrate compliance with all requirements of this permit.
- c. Maintain a record of the amount of natural gas fuel burned.

**6. Reporting Requirements:**

Report semiannually any deviations from the above terms and conditions during the previous 6-month period as part of the General Reporting Requirements. See Section C of this permit, item 3.

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)****Indirect heat exchanger, N.G. Fired****Building Heaters - Emission Point # 80-82, Main and Hydroforming Buildings Heat Units**

Total Rated Capacity:	106 MMBTU/hr
Maximum Operation:	4380 Hours per year
Installation Date:	1994

**APPLICABLE REGULATIONS:**

**401 KAR 59:015**, New indirect heat exchangers. Applicable with respect to particulate emissions and sulfur dioxide emissions to each affected facility with a capacity of 250 MMBTU/hr or less and commenced on or after April 9, 1972.

**1. Operating Limitations:**

- a. The affected facilities shall burn only natural gas.
- b. Proper operation and maintenance shall be practiced.

**2. Emission Limitations:**

- a. Emissions of particulate matter shall not exceed 0.321 lb/MMBTU [Based on 0.9634 times that quantity obtained by raising the total heat input capacity (in million of BTU per hour) to the -0.2356 power]. [401 KAR 59:015, Section 4(1)(c)]
- b. The opacity of visible emissions shall not exceed twenty (20) percent based on a six-minute average. [401 KAR 59:015, Section 4(2)]
- c. Emission of sulfur dioxide from each boiler shall not exceed 1.32 lb/MMBTU [Based on 7.7223 times that quantity obtained by raising the total heat input capacity (in million of BTU per hour) to the -0.4106 power]. [401 KAR 59:015, Section 5(1)(c)1]

**Compliance Demonstration Method:**

If deemed necessary, the Cabinet shall require testing in accordance with 40 CFR 60 Appendix A, Methods 9, 5, and 6, respectively. Otherwise, if operated in accordance with Operating Limitations, compliance is assumed.

**3. Testing Requirements:**

Testing shall be conducted at such times as may be required by the cabinet in accordance with Regulations 401 KAR 59:005 Section 2(2) and 401 KAR 50:045 Section 4.

**4. Monitoring Requirements:**

See Emission Limitations

**5. Recordkeeping Requirements:**

- a. Maintain a record of the amount of natural gas fuel burned.
- b. A copy of the manufacturer's operating and maintenance specifications shall be maintained and made available to appropriate Division personnel.
- c. Dates and descriptions of maintenance performed as part of compliance with Operating Limitations b. shall be recorded.



**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

**6. Reporting Requirements:**

Report semiannually any deviations from the above terms and conditions during the previous 6-month period as part of the General Reporting Requirements. See Section C of this permit, item 3.

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)****Indirect heat exchanger, N.G. Fired****Building Heaters - Emission Point # 83, Main and Hydroforming Building Heat Units**

Total Rated Capacity:	31.7 MMBTU/hr
Installation Date:	2000

**APPLICABLE REGULATIONS:**

**401 KAR 59:015**, New indirect heat exchangers. Applicable with respect to particulate emissions and sulfur dioxide emissions to each affected facility with a capacity of 250 MMBTU/hr or less and commenced on or after April 9, 1972.

**1. Operating Limitations:**

- a. The affected facility shall burn only natural gas.
- b. Proper operation and maintenance shall be practiced.

**2. Emission Limitations:**

- a. Emissions of particulate matter shall not exceed 0.302 lb/MMBTU [Based on 0.9634 times that quantity obtained by raising the total heat input capacity (in million of BTU per hour) to the -0.2356 power]. [401 KAR 59:015, Section 4(1)(c)]
- b. The opacity of visible emissions shall not exceed twenty (20) percent based on a six-minute average. [401 KAR 59:015, Section 4(2)]
- c. Emission of sulfur dioxide from each boiler shall not exceed 1.02 lb/MMBTU [Based on 7.7223 times that quantity obtained by raising the total heat input capacity (in million of BTU per hour) to the -0.4106 power]. [401 KAR 59:015, Section 5(1)(c)1]

**Compliance Demonstration Method:**

If deemed necessary, the Cabinet shall require testing in accordance with 40 CFR 60 Appendix A, Methods 9, 5, and 6, respectively. Otherwise, if operated in accordance with Operating Limitations, compliance is assumed.

**3. Testing Requirements:**

Testing shall be conducted at such times as may be required by the cabinet in accordance with Regulations 401 KAR 59:005 Section 2(2) and 401 KAR 50:045 Section 4.

**4. Monitoring Requirements:**

See Emission Limitations

**5. Recordkeeping Requirements:**

- a. Maintain a record of the amount of natural gas fuel burned.
- b. A copy of the manufacturer's operating and maintenance specifications shall be maintained and made available to appropriate Division personnel.
- c. Dates and descriptions of maintenance performed as part of compliance with Operating Limitations b. shall be recorded.

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

**6. Reporting Requirements:**

Report semiannually any deviations from the above terms and conditions during the previous 6-month period as part of the General Reporting Requirements. See Section C of this permit, item 3.

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)****Indirect heat exchanger, N.G. Fired**

**Hydroforming Line U – Emission Point # 10 & 11                      Pre-Form Wash Heaters (Each 3.00 MMBTU/hr)**  
Total Rated Capacity:                      6.00 MMBTU/hr  
Installation Date:                      2002

**Hydroforming Line U – Emission Point # 17-19 Post-Form Wash Heaters (Each 2.00 MMBTU/hr)**  
Total Rated Capacity:                      6.00 MMBTU/hr  
Installation Date:                      2002

**ECOAT Line – Emission Point # 60                      Process Boiler**  
Rated Capacity:                      9.00 MMBTU/hr  
Installation Date:                      2002

**APPLICABLE REGULATIONS:**

**401 KAR 59:015**, New indirect heat exchangers. Applicable with respect to particulate emissions and sulfur dioxide emissions to each affected facility with a capacity of 250 MMBTU/hr or less and commenced on or after April 9, 1972.

**1.    Operating Limitations:**

- a. The affected facilities shall burn only natural gas.
- b. Proper operation and maintenance shall be practiced.

**2.    Emission Limitations:**

- a. Emissions of particulate matter shall not exceed 0.292 lb/MMBTU [Based on 0.9634 times that quantity obtained by raising the total heat input capacity (in million of BTU per hour) to the -0.2356 power].                      [401 KAR 59:015, Section 4(1)(c)]
- b. The opacity of visible emissions shall not exceed twenty (20) percent based on a six-minute average. [401 KAR 59:015, Section 4(2)]
- c. Emission of sulfur dioxide from each boiler shall not exceed 0.964 lb/MMBTU [Based on 7.7223 times that quantity obtained by raising the total heat input capacity (in million of BTU per hour) to the -0.4106 power].                      [401 KAR 59:015, Section 5(1)(c)1]

**Compliance Demonstration Method:**

If deemed necessary, the Cabinet shall require testing in accordance with 40 CFR 60 Appendix A, Methods 9, 5, and 6, respectively. Otherwise, if operated in accordance with Operating Limitations, compliance is assumed.

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

**3. Testing Requirements:**

Testing shall be conducted at such times as may be required by the cabinet in accordance with Regulations 401 KAR 59:005 Section 2(2) and 401 KAR 50:045 Section 4.

**4. Monitoring Requirements:**

See Emission Limitations

**5. Recordkeeping Requirements:**

- a. Maintain a record of the amount of natural gas fuel burned.
- b. A copy of the manufacturer's operating and maintenance specifications shall be maintained and made available to appropriate Division personnel.
- c. Dates and descriptions of maintenance performed as part of compliance with Operating Limitations b. shall be recorded.

**6. Reporting Requirements:**

Report semiannually any deviations from the above terms and conditions during the previous 6-month period as part of the General Reporting Requirements. See Section C of this permit, item 3.

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)****Indirect heat exchanger, N.G. Fired****Hydroforming Line P – Emission Point # 30, 31, 40 & 41 Pre-Form Wash Heaters (Each 3.00 MMBTU/hr)**

Total Rated Capacity:	12.0 MMBTU/hr
Installation Date:	2004

**Hydroforming Line U – Emission Point # 35 & 45 Post-Form Wash Heaters (Each 12.6 MMBTU/hr)**

Total Rated Capacity:	25.2 MMBTU/hr
Installation Date:	2004

**METOKOTE Line – Emission Point # 70 Wash Burner**

Rated Capacity:	3.00 MMBTU/hr
Installation Date:	2004

**APPLICABLE REGULATIONS:**

**401 KAR 59:015**, New indirect heat exchangers. Applicable with respect to particulate emissions and sulfur dioxide emissions to each affected facility with a capacity of 250 MMBTU/hr or less and commenced on or after April 9, 1972.

**1. Operating Limitations:**

- a. The affected facilities shall burn only natural gas.
- b. Proper operation and maintenance shall be practiced.

**2. Emission Limitations:**

- a. Emissions of particulate matter shall not exceed 0.277 lb/MMBTU [Based on 0.9634 times that quantity obtained by raising the total heat input capacity (in million of BTU per hour) to the -0.2356 power]. [401 KAR 59:015, Section 4(1)(c)]
- b. The opacity of visible emissions shall not exceed twenty (20) percent based on a six-minute average. [401 KAR 59:015, Section 4(2)]
- c. Emission of sulfur dioxide from each boiler shall not exceed 0.879 lb/MMBTU [Based on 7.7223 times that quantity obtained by raising the total heat input capacity (in million of BTU per hour) to the -0.4106 power]. [401 KAR 59:015, Section 5(1)(c)1]

**Compliance Demonstration Method:**

If deemed necessary, the Cabinet shall require testing in accordance with 40 CFR 60 Appendix A, Methods 9, 5, and 6, respectively. Otherwise, if operated in accordance with Operating Limitations, compliance is assumed.

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

**3. Testing Requirements:**

Testing shall be conducted at such times as may be required by the cabinet in accordance with Regulations 401 KAR 59:005 Section 2(2) and 401 KAR 50:045 Section 4.

**4. Monitoring Requirements:**

See Emission Limitations

**5. Recordkeeping Requirements:**

- a. Maintain a record of the amount of natural gas fuel burned.
- b. A copy of the manufacturer's operating and maintenance specifications shall be maintained and made available to appropriate Division personnel.
- c. Dates and descriptions of maintenance performed as part of compliance with Operating Limitations b. shall be recorded.

**6. Reporting Requirements:**

Report semiannually any deviations from the above terms and conditions during the previous 6-month period as part of the General Reporting Requirements. See Section C of this permit, item 3.

## SECTION C - GENERAL CONDITIONS

### 1. Administrative Requirements

- a. The permittee shall comply with all conditions of this permit. Noncompliance shall be a violation of 401 KAR 52:040, Section 3(1)(b) and is grounds for enforcement action including but not limited to the termination, revocation and reissuance, or revision of this permit.
- b. This permit shall remain in effect for a fixed term of ten (10) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division. [401 KAR 52:040, Section 15]
- c. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a-11 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- d. Pursuant to materials incorporated by reference by 401 KAR 52:040, this permit may be revised, revoked, reopened, reissued, or terminated for cause. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance shall not stay any permit condition [Section 1a-4, 5, of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- e. This permit does not convey property rights or exclusive privileges [Section 1a-8 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- f. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:040 Section 11(3)].
- g. All previously issued permits to this source at this location are hereby null and void.



**SECTION C - GENERAL CONDITIONS (CONTINUED)****2. Recordkeeping Requirements**

- a. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of at least five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality [401 KAR 52:040 Section 3(1)(f) and Section 1b-IV-2 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- b. The permittee shall perform compliance certification and recordkeeping sufficient to assure compliance with the terms and conditions of the permit. Documents, including reports, shall be certified by a responsible official pursuant to 401 KAR 52:040, Section 21.

**3. Reporting Requirements**

- a. (1) In accordance with the provisions of 401 KAR 50:055, Section 1, the permittee shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
  - i. When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
  - ii. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other electronic media) and shall be submitted in writing upon request.
- (2) The permittee shall promptly report deviations from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Reporting Requirement condition a.(1) above), the probable cause of the deviation, and corrective or preventive measures taken; to the Regional Office listed on the front of this permit within 30 days. Other deviations from permit requirements shall be included in the semiannual report [Section 1b-V-3 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- b. The permittee shall furnish information requested by the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or to determine compliance with the permit [Section 1a-6 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- c. Summary reports of monitoring required by this permit shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation. The summary reports

**SECTION C - GENERAL CONDITIONS (CONTINUED)**

are due January 30th and July 30th of each year. All deviations from permit requirements shall be clearly identified in the reports. All reports shall be certified by a responsible official pursuant to 401 KAR 52:040, Section 21.

**4. Inspections**

In accordance with the requirements of 401 KAR 52:040, Section 3(1)(f) the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times. Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency:

- a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation.
- b. To access and copy any records required by the permit.
- c. Inspect, at reasonable times, any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit.
- d. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.

**5. Emergencies/Enforcement Provisions**

- a. The permittee shall not use as defense in an enforcement action, the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a-3 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- b. An emergency shall constitute an affirmative defense to an action brought for the noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or relevant evidence that:
  - (1) An emergency occurred and the permittee can identify the cause of the emergency;
  - (2) The permitted facility was at the time being properly operated;
  - (3) During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
  - (4) The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two working days after the time when emission limitations were exceeded due to the emergency and included a description of the emergency, steps taken to mitigate emissions, and corrective actions taken.
- c. Emergency provisions listed in General Condition 5.b are in addition to any emergency or upset provision contained in an applicable requirement [401 KAR 52:040, Section 22(1)].
- d. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof. [401 KAR 52:040, Section 22(2)].

**SECTION C - GENERAL CONDITIONS (CONTINUED)****6. Compliance**

- a. Periodic testing or instrumental or non-instrumental monitoring, which may consist of record keeping, shall be performed to the extent necessary to yield reliable data for purposes of demonstration of continuing compliance with the conditions of this permit. For the purpose of demonstration of continuing compliance, the following guidelines shall be followed:
  - (1) Pursuant to 401 KAR 50:055, General compliance requirements, Section 2(5), all air pollution control equipment and all pollution control measures proposed by the application in response to which this permit is issued shall be in place, properly maintained, and in operation at any time an affected facility for which the equipment and measures are designed is operated, except as provided by 401 KAR 50:055, Section 1.
  - (2) All the air pollution control systems shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers. A log shall be kept of all routine and nonroutine maintenance performed on each control device. Daily observations are required during daylight hours of all operations, control equipment and any visible emissions to determine whether conditions appear to be either normal or abnormal. If the operations, controls and/or emissions appear to be abnormal, the permittee must then comply with the requirements of Section C – General Conditions, 3.a.(2), of this permit.
  - (3) A log of the monthly raw material consumption and monthly production rates shall be kept available at the facility. Compliance with the emission limits may be demonstrated by computer program, spread sheets, calculations or performance tests as may be specified by the Division [401 KAR 50:055, Section 2].
- b. Pursuant to 401 KAR 52:040, Section 19, the permittee shall certify compliance with the terms and conditions contained in this permit by January 30th of each year, by completing and returning a Compliance Certification Form (DEP 7007CC) (or an approved alternative) to the Regional Office listed on the front of this permit in accordance with the following requirements:
  - (1) Identification of the term or condition;
  - (2) Compliance status of each term or condition of the permit;
  - (3) Whether compliance was continuous or intermittent;
  - (4) The method used for determining the compliance status for the source, currently and over the reporting period, and
  - (5) For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.

## SECTION C - GENERAL CONDITIONS (CONTINUED)

- (6) The certification shall be postmarked by January 30th of each year. Annual compliance certifications shall be mailed to the following addresses:

Division for Air Quality  
Frankfort Regional Office  
663 Teton Trail  
Frankfort, KY 40601

Division for Air Quality  
Central Files  
803 Schenkel Lane  
Frankfort, KY 40601-1403

- c. Permit Shield - A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with all:
- (1) Applicable requirements that are included and specifically identified in this permit; or
  - (2) Non-applicable requirements expressly identified in this permit [401 KAR 52:040, Section 11].

### 7. Construction Requirements:

NA

**SECTION D - INSIGNIFICANT ACTIVITIES**

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:040, Section 6. Although these activities are designated as insignificant the permittee must comply with the applicable regulation. Process and emission control equipment at each insignificant activity subject to an opacity standard shall be inspected monthly and a qualitative visible emissions evaluation made. Results of the inspection, evaluation, and any corrective action shall be recorded in a log.

<u>Description</u>	<u>Generally Applicable Regulation</u>
1. Assembly Frame Washing (EP 51, 52, 53)	401 KAR 59:010
2. Hydraulic Presses (Qty 4)	401 KAR 59:010
3. Emergency Generators (Qty 2) Potential Annual Hours of Operation: 500 (EP 93, 94)	None
4. Insignificant Building Heaters (Each < 1 MMBTU/hr Total 12 MMBTU/hr) (EP 90, 91, 92)	None